

Title (en)
Method for treating fermentation broth

Title (de)
Verfahren zur Behandlung von Fermentationsbrühen

Title (fr)
Méthode de traitement de bouillons de culture

Publication
EP 0770676 A2 19970502 (EN)

Application
EP 96307584 A 19961018

Priority
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Abstract (en)
The present invention relates to a method of improving a membrane permeation rate when permeating a fermentation broth obtained by culturing a microorganism belonging to the genus Escherichia through a membrane to separate cells is developed. More specifically it relates to a method of treating a fermentation broth, characterized in that a fermentation broth obtained by culturing a microorganism belonging to the genus Escherichia is heat-treated at from 110 to 200 DEG C with a pH of from 1 to 4.5, and is then filtered through the membrane. The membrane permeation rate of the fermentation broth in the removal of cells therefrom can be improved by from approximately 1.5 to 20 times in comparison to the case where the treatment of the present invention is not conducted. Therefore, the membrane permeation rate can easily be improved and the efficiency of the membrane filtration equipment can be increased. <IMAGE>

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C12N 1/02; **C12M 3/06**

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Citation (applicant)
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